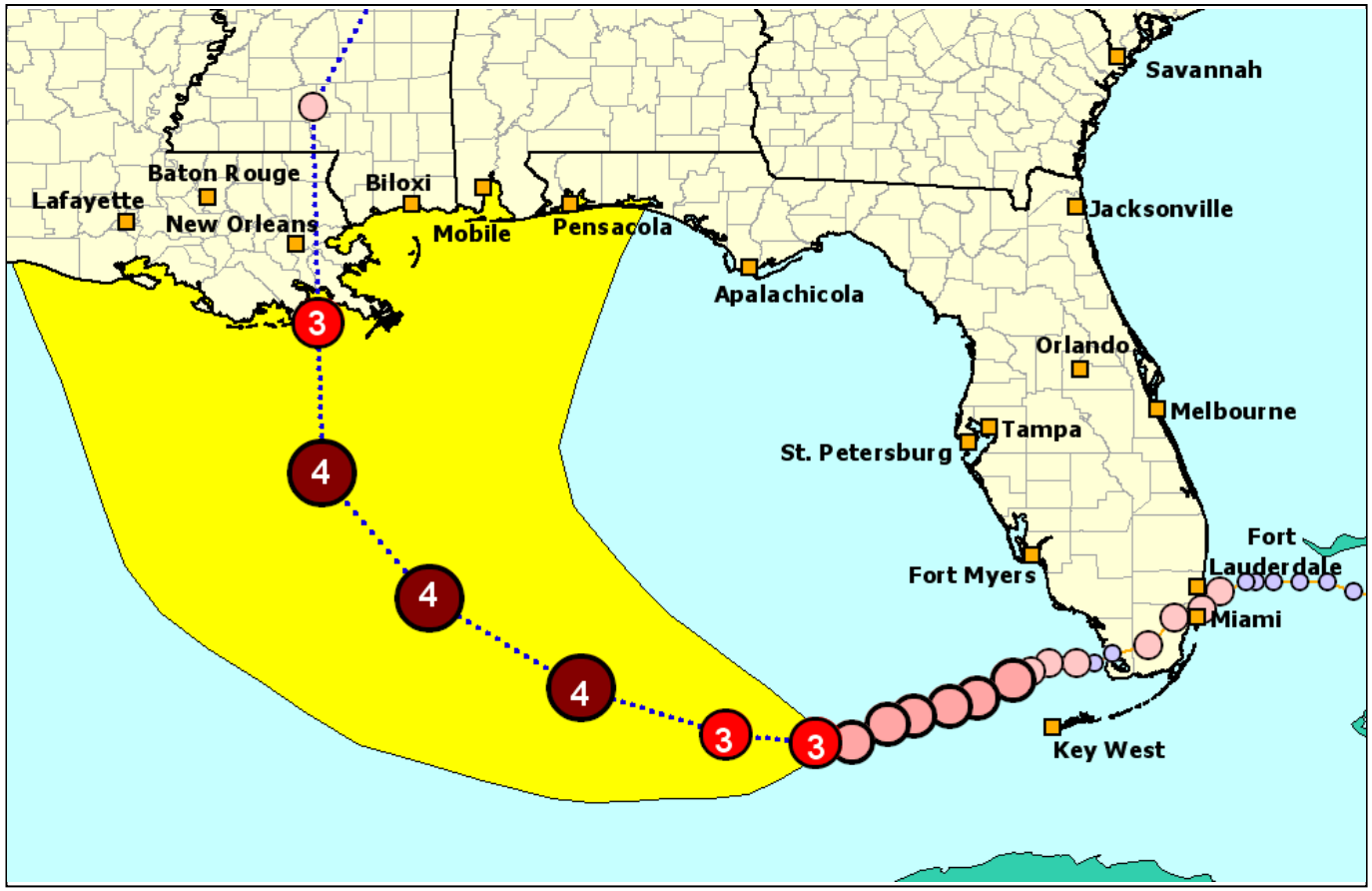
Hurricane Katrina Model Results

Landfall Expected Within *2* Days

For Official Use Only!



Information provided on the following page displays four possible Category 3 landfall scenarios within the error cone provided by the National Hurricane Center (NHC) **for the Gulf Coast United States only**. These projections are based on information from the NHC (0500 – 08/27/2005) updated forecast.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

Tropical Storm
Category 1 Hurricane
Category 2 Hurricane
Category 3 Hurricane
Category 4 Hurricane

NHC Forecast Track

Probable Landfall Zone

US Army Corps of Engineers

urricane Katrina 2-Day Model

Generated By: Terry Siemsen
Generated Date: 0700 EDT 08/27/2005

Sources:
HURREVAC
LRL-DEBRIS

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Landfall Expected Within *2* Days

Values Provided For Planning Purposes

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		Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
					Commodity Trucks	Within Hurricane Force Winds	
	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Day 1-3 Total	Population	Households
Pensacola Worst-Case Track							
Florida	10,338,000	46	46	46	138	577,000	219,000
Alabama	886,000	3	6	12	21	152,000	59,000
Total	**11,224,000**	**49**	**52**	**58**	**159**	**729,000**	**278,000**
Mobile Worst-Case Track							
Alabama	12,133,000	12	24	48	84	607,000	231,000
Florida	65,000	3	3	3	9	37,000	12,000
Mississippi	265,000	2	4	8	14	99,000	36,000
Total	**12,463,000**	**17**	**31**	**59**	**107**	**743,000**	**279,000**
Biloxi Worst-Case Track							
Mississippi	6,669,000	10	20	40	70	492,000	181,000
Alabama	1,028,000	7	14	28	49	350,000	132,000
Total	**7,697,000**	**17**	**34**	**68**	**119**	**842,000**	**313,000**
New Orleans Worst-Case Track							
Louisiana	26,399,000	28	55	110	193	1,380,000	608,000
Mississippi	488,000	3	5	10	18	488,000	47,000
	26,887,000	**31**	**60**	**121**	**212**	**1,868,000**	**655,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

Information provided on the following pages display four possible Category 3 landfall scenarios within the error cone provided by the National Hurricane Center (NHC) for the Gulf Coast of the United States only. These projections are based on information from the NHC (0500 – 08/27/2005) updated forecast.

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